

Functional Equivalent Checklist

Facility Name _____	Date Received _____
	Name of RO Reviewer: _____
	Date Completeness Review Due: _____

Functionally Equivalent

Functionally equivalent component- means a component [or design] which performs the same function or measurement and which meets or exceeds the performance specifications of another component.

Component- means any constituent part of a unit or any group of constituent parts of a unit which are assembled to perform a specific function (e.g., liner material, tank replacement, a pump seal, pump, kiln liner, kiln thermocouple).

Ref. RCRA Part 270

Review Items	Yes	No	Not applicable	Comments
Does the application request a substitute for a manufactured material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the application request a substitute for a manufactured piece of equipment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the application contain a description of an equivalent design?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Note: The answer to at least one of the above questions must be yes for the review to continue on this application. If no, application does not qualify for FE.				If application does not qualify for FE, contact the applicant and discuss options. Return application if necessary.
Does the request require a variance under the regulation?	<input type="checkbox"/>	<input type="checkbox"/>		If yes, it does not qualify as FE. Contact the applicant and discuss the required variance process.
Does the application contain a list or copies of national testing standards? I.e. ASTM, GSI, NSF, EPA, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the application contain a manufacturer data description sheet? (note: only for material or equipment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Does the application contain any information on a similar substitute approved by any other state in the country?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the application address any advantages for increased pollution prevention?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Have you checked with the Central Office or another Regional Office to see if this has prior experience in Va?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If design substitute, do you feel comfortable about your knowledge of the subject to make a technical judgment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	If no, contact your supervisor.
Reviewed the application and recommend approval. Note: The application must show and explain how the material is equivalent and there must be prior successful experience with the material, design, or equipment in the country in order to approve it.	<input type="checkbox"/>	<input type="checkbox"/>	Signature: _____ Date: _____	
Waste Program Manager				
Reviewed the application and review package and approve.	<input type="checkbox"/>	<input type="checkbox"/>	Signature: _____ Date: _____	
Central Office Concurrence and Posting				
Reviewed the application and review package and concur with approval. Note: Once concurrence is given; add the approved material, equipment, or design to the web page posting.	<input type="checkbox"/>	<input type="checkbox"/>	Signature: _____ Date: _____	